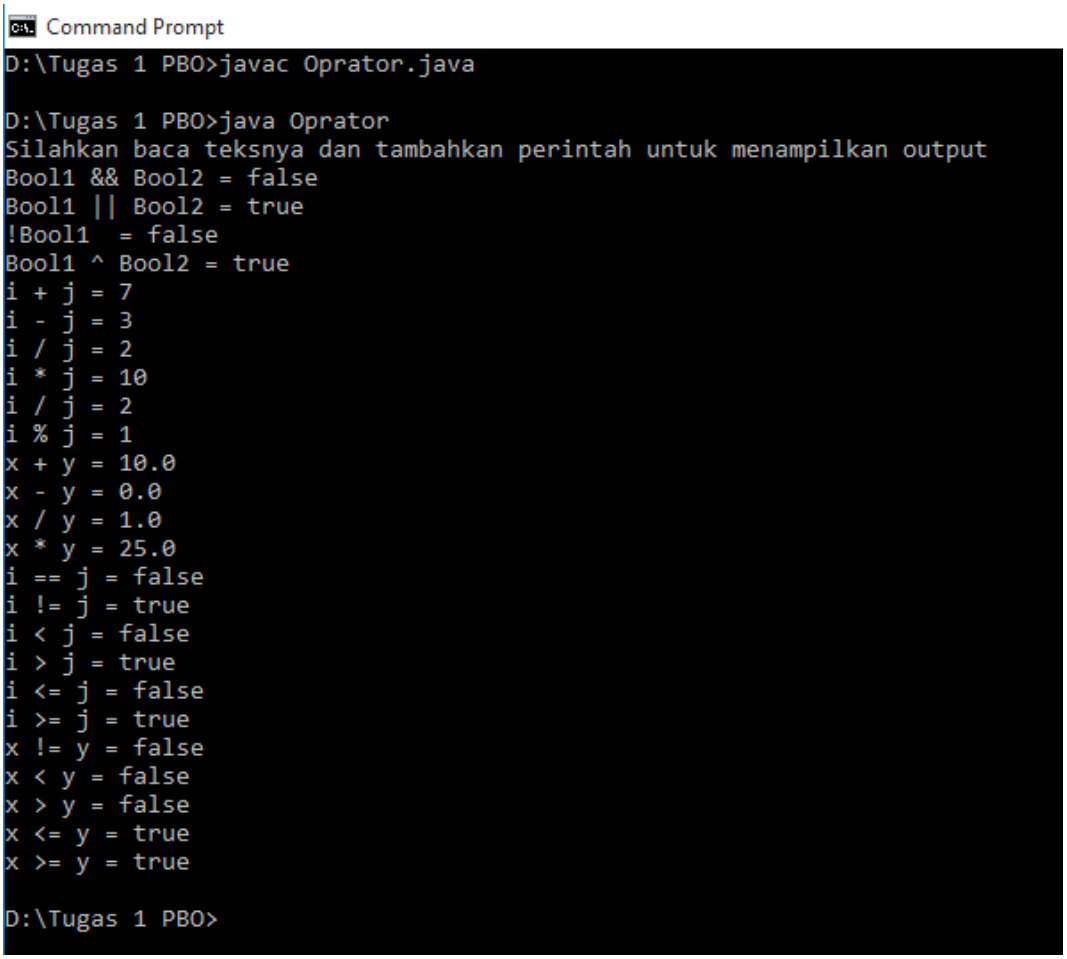
```
/* Contoh pengoperasian variabel bertype dasar */
public class Oprator {
/**
* @param args
*/
	public static void main(String[] args) {
		// TODO Auto-generated method stub
		/* Kamus */
		boolean Bool1, Bool2, TF ;
		int i, j, hsl ;
		float x, y, res;
		/* algoritma */
		System.out.println ("Silahkan baca teksnya dan tambahkan perintah untuk menampilkan output");

		Bool1 = true;
		Bool2 = false;
		TF = Bool1 && Bool2 ; /* Boolean AND */
		System.out.println("Bool1 && Bool2 = " + (Bool1 && Bool2));

		TF = Bool1 || Bool2 ; /* Boolean OR */
		System.out.println("Bool1 || Bool2 = " + (Bool1 | Bool2));

		TF = ! Bool1 ; /* NOT */
		System.out.println("!Bool1  = " + !Bool1);

		TF = Bool1 ^ Bool2; /* XOR */
		System.out.println("Bool1 ^ Bool2 = " + (Bool1 ^ Bool2));
		/* operasi numerik */
		i = 5;
```

```
j = 2 ;

hsl = i + j;
System.out.println("i + j = " + (i + j));
hsl = i - j;
System.out.println("i - j = " + (i - j));
hsl = i / j;
System.out.println("i / j = " + (i / j));
hsl = i * j;
System.out.println("i * j = " + (i * j));
hsl = i / j; /* pembagian bulat */
System.out.println("i / j = " + (i / j));
hsl = i % j; /* sisa. modulo */
System.out.println("i % j = " + (i % j));
/* operasi numerik */
x = 5 ;
y = 5 ;
res = x + y;
System.out.println("x + y = " + (x + y));
res = x - y;
System.out.println("x - y = " + (x - y));
res = x / y;
System.out.println("x / y = " + (x / y));
res = x * y;
System.out.println("x * y = " + (x * y));
/* operasi relasional numerik */
TF = (i == j);
System.out.println("i == j = " + (i == j));
TF = (i != j);
System.out.println("i != j = " + (i != j));
```

```
        TF = (i < j);
        System.out.println("i < j = " + (i < j));
        TF = (i > j);
        System.out.println("i > j = " + (i > j));
        TF = (i <= j);
        System.out.println("i <= j = " + (i <= j));
        TF = (i >= j);
        System.out.println("i >= j = " + (i >= j));
        /* operasi relasional numerik */
        TF = (x != y);
        System.out.println("x != y = " + (x != y));
        TF = (x < y);
        System.out.println("x < y = " + (x < y));
        TF = (x > y);
        System.out.println("x > y = " + (x > y));
        TF = (x <= y);
        System.out.println("x <= y = " + (x <= y));
        TF = (x >= y);
        System.out.println("x >= y = " + (x >= y));
    }
}
```


Command Prompt
D:\Tugas 1 PBO>javac Oprator.java
D:\Tugas 1 PBO>java Oprator
Silahkan baca teksnya dan tambahkan perintah untuk menampilkan output
Bool1 && Bool2 = false
Bool1 || Bool2 = true
!Bool1 = false
Bool1 ^ Bool2 = true
i + j = 7
i - j = 3
i / j = 2
i * j = 10
i / j = 2
i % j = 1
x + y = 10.0
x - y = 0.0
x / y = 1.0
x * y = 25.0
i == j = false
i != j = true
i < j = false
i > j = true
i <= j = false
i >= j = true
x != y = false
x < y = false
x > y = false
x <= y = true
x >= y = true
D:\Tugas 1 PBO>